IN THE CLAIMS:

1. (Previously Presented) An electron source apparatus which has an electron source and a counter substrate arranged to face the electron source and in which the electron source has on a substrate a plurality of row-direction wiring lines, a plurality of column-direction wiring lines, insulating layers formed at intersections between the row-direction wiring lines and the column-direction wiring lines, and a plurality of electron-emitting devices connected to the row-direction wiring lines and the column-direction wiring lines, and a spacer for maintaining an interval between the electron source and the counter substrate is arranged on some of the row-direction wiring lines among the plurality of row-direction wiring lines, comprising:

a circuit for sequentially turning on the plurality of row-direction wiring lines; and

a controlled current application circuit for applying a predetermined controlled current to the plurality of column-direction wiring lines.

2. (Previously Presented) An electron source apparatus which has an electron source and a counter substrate arranged to face the electron source and in which the electron source has on a substrate a plurality of row-direction wiring lines, a plurality of column-direction wiring lines, insulating layers formed at intersections between the row-direction wiring lines and the column-direction wiring lines, and a plurality of electron-emitting devices connected to the row-direction wiring lines and the column-direction wiring lines, and spacers for maintaining an interval between the electron source and the

counter substrate are arranged at different positions on the plurality of row-direction wiring lines, comprising:

a circuit for sequentially turning on the plurality of row-direction wiring lines; and

a controlled current application circuit for applying a predetermined controlled current to the plurality of column-direction wiring lines.

3. (Previously Presented) An electron source apparatus which has an electron source and a counter substrate arranged to face the electron source and in which the electron source has on a substrate a plurality of row-direction wiring lines, a plurality of column-direction wiring lines, insulating layers formed at intersections between the row-direction wiring lines and the column-direction wiring lines, and a plurality of electron-emitting devices connected to the row-direction wiring lines and the column-direction wiring lines, and a spacer for maintaining an interval between the electron source and the counter substrate is electrically connected to some of the row-direction wiring lines among the plurality of row-direction wiring lines, comprising:

a circuit for sequentially turning on the plurality of row-direction wiring lines; and

a controlled current application circuit for applying a predetermined controlled current to the plurality of column-direction wiring lines.

4. (Previously Presented) An electron source apparatus which has an electron source and a counter substrate arranged to face the electron source and in which the electron source has on a substrate a plurality of row-direction wiring lines, a plurality of column-direction wiring lines, insulating layers formed at intersections between the row-direction wiring lines and the column-direction wiring lines, and a plurality of electron-emitting devices connected to the row-direction wiring lines and the column-direction wiring lines, and spacers for maintaining an interval between the electron source and the counter substrate are electrically connected to the row-direction wiring lines at different positions on the plurality of row-direction wiring lines, comprising:

a circuit for sequentially turning on the plurality of row-direction wiring lines; and

a controlled current application circuit for applying a predetermined controlled current to the plurality of column-direction wiring lines.

5. (Original) The electron source apparatus according to any one of Claims 1 to 4, wherein a section of the spacer cut along a plane parallel to a plane in which the counter substrate spreads has a longitudinal direction in a direction in which the row-direction wiring line extends.

6. (Original) The electron source apparatus according to any one of Claims 1 to 4, wherein one of the spacers is electrically connected to only one of the row-direction wiring lines.

7. (Original) The electron source apparatus according to any one of Claims 1 to 4, wherein the spacer comprises a spacer substrate and a portion formed from a material having a resistivity lower than the spacer substrate.

8. (Original) An image forming apparatus comprising the electron source apparatus defined in any one of Claims 1 to 4, and an image forming member for forming an image by irradiation of electrons from the electron source apparatus.

9. (Previously Presented) An image forming apparatus comprising the electron source apparatus defined in Claim 5, and an image forming member for forming an image by irradiation of electrons from the electron source apparatus.

10. (Currently Amended) An apparatus comprising:

a plurality of row-direction wiring lines;

a plurality of column-direction wiring lines;

a plurality of devices, wherein each one of said plurality of devices is connected to at least one of said plurality of row-direction wiring lines and at least one of said plurality of column-direction wiring lines;

[[a]] at least one conductive member, wherein each said conductive member is in contact with ~~at least some wiring lines~~ a corresponding row-direction wiring line among said plurality of row-direction wiring lines ~~and said plurality of column-direction wiring lines~~, and wherein said plurality of row-direction wiring lines includes at

least one row-direction wiring line with which said at least one conductive member is not in contact and at least one row-direction wiring line with which said at least one conductive member is in contact; and

a controlled current application circuit, for applying a predetermined controlled current to said plurality of column-direction wiring lines.

11. (Currently Amended) The apparatus according to Claim 10, wherein ~~said~~ one conductive member is connected to only one ~~of the~~ row-direction wiring ~~lines~~ line.

12. (Previously Presented) The apparatus according to Claim 10, wherein said conductive member is arranged to influence a resistance value of an electrical path extending from said controlled current application circuit.

13. - 15. (Cancelled)

16. (New) The apparatus according to claim 10, further comprising a circuit for sequentially turning on said plurality of row-direction wiring lines.